

very slightly wavy-margined, 7-8 dm. long, 3-4 dm. wide, cleft to about one third their length from the apex, the midvein rather prominent, the lateral veins about 14 on each side, the lobes ovate, acuminate: peduncle stout, 6-8 cm. long, erect, bearing 3 or 4 bracts: spadix 7-9 cm. long, 3-4 cm. in diameter, cylindrical, but a little narrower toward the summit than below, blunt; fruiting perigonium 4-angled, rather more than 1 cm. wide, with 4 ridges opposite the angles raised above the 4 separate pitted pistils.

In a forest ravine, Molyneaux Estate, St. Kitts, B. W. L. (Britton and Cowell, Sept. 13, 1901, no. 326).

SHORTER NOTES

PLANTS NEW TO VERMONT FOUND IN BURLINGTON AND VICINITY.* — The following species have been found or recognized since the publication of the "Flora of Vermont" in 1900:

Corallorhiza striata Lindl. Found some fifty years ago by President Torrey probably in Burlington, but supposed to be *C. multiflora* Nutt. until determined by M. L. Fernald in 1902.

Oxycoccus Oxycoccus (L.) MacM., var. *intermedia* Fernald. Found by Oakes in Colchester, probably at Ft. Ethan Allen Pond, a good many years ago. See *Rhodora*, 4: 231.

Lolium temulentum L. Found by Professor L. R. Jones on the University of Vermont campus but not determined as *L. temulentum* till 1901. Found also by Rev. Levi Wild at Essex Junction.

Physalis Peruviana L.

Rumex salicifolius Weinm. One plant found at Ft. Ethan Allen, 1899.

Ranunculus sceleratus L. A few plants were found in Colchester in 1901. In 1902 it was found in abundance in lumber yards in Burlington.

Galium borcale L. A good sized colony in edge of woods back of the University.

The following five species were collected in 1902:

* Abstract of a paper read at the eighth winter meeting of the Vermont Botanical Club, January 17, 1903.

Pogonia affinis Austin. One plant found by Mrs. Henry Holt, in Burlington.

Ciccr arietinum L. One plant found on railroad embankment in Colchester. Determined by Professor L. R. Jones.

Collomia linearis Nutt. Two plants found near Malted Cereal Co.'s mill in Burlington.

Lamium album L. Escaped to roadside in Essex.

Hedeoma hispida Pursh. Found in Burlington by F. M. Hollister.

NELLIE F. FLYNN.

BURLINGTON, VERMONT.

A NEW LIPPZIA FROM PORTO RICO. — **Lippia Helleri** sp. nov. A weak shrub, 1.2–1.7 m. high, with slender flexuous pubescent branches. Leaves obovate, 1 cm. long or less, opposite, dull green, puberulent and resinous on both sides, obtuse, crenate, cuneate or narrowed at the base, the slender petiole about one fourth as long as the blade: flower-heads axillary, about 8 mm. broad, slender-peduncled, the peduncles 3–5 mm. long, puberulent: bracts of the involucre broadly oblong, obtuse, puberulent, ciliate, about 2 mm. long: calyx about one third as long as the corolla-tube, 2-toothed, pubescent: corolla-tube slightly enlarged upward, the limb 2-lipped, the lower lip with a broad middle lobe and 2 smaller lateral ones, the upper lip 2-lobed, all the lobes obtuse; corolla white, tinged with pale purple.

In thicket, near Bayamon, Porto Rico, April 29, 1899 (Heller, no. 1238). Near *L. micromera* Schauer, and suspected by Professor Urban to be a cultivated form of that species, but the collector's field notes do not indicate this as probable, and the characters of leaves and of corolla are very different. N. L. BRITTON.

A NEW WALTHERIA FROM THE BAHAMAS. — **Waltheria Bahamensis** sp. nov. Branched from the base, lepidote, the slender branches 6 dm. long or less. Leaves small, broadly oblong or ovate-oblong, sharply dentate, strongly veined, 1–2 cm. long, 1.5 cm. wide or less, dark green above, paler beneath, lepidote on both surfaces, the apex obtuse, the base obtuse or slightly cordate; petiole slender, half as long as the blade or less: flower clusters sessile or nearly so in the axils, dense, less than 1 cm. in diameter: calyx narrow: bractlets sharply toothed, the teeth triangular-ovate, acute or acuminate, nearly half as long as the tube: petals spatulate, thin, 3–5 mm. long, obtuse or slightly notched, 3 of them sometimes longer than the other 2: filaments

all united into a tube, bearing the 5 sessile anthers : ovary stellate-hairy above.

Near Nassau, New Providence, Bahama Islands, A. H. Curtiss, March 13, 1903, No. 117 (type). Also collected at the same place by Dr. and Mrs. Northrop, January 25, 1890, No. 207. In the account of the collections made by herself and her lamented husband (Mem. Torr. Club, 12: 51) Mrs. Northrop remarks on the differences between this plant and the widely distributed *Waltheria Americana*. N. L. BRITTON.

ELLIOTTIA RACEMOSA AGAIN.—This afternoon at the base of the sand-hills (and therefore at the edge of the swamp) of Turnpike Creek in this (Telfair) county, about six miles from here, I found about twenty specimens of *Elliottia racemosa*, that rare Ericaceous shrub which was recently supposed to be extinct. The largest specimen was about ten feet tall. The plants were almost past flowering, but showed no indications of producing fruit this year, though the flowers were being visited by several kinds of insects, mostly bumblebees. But on one plant I found a single empty globose four-valved somewhat irregular capsule about 5 mm. in diameter, probably of last year's crop. Care will be taken to preserve this the only fruit of *Elliottia* on record.

Elliottia has now been reported from at least six counties in the coastal plain of Georgia (see Plant World, May, 1902, and March, 1903), of which Telfair is the most southwestern.

ROLAND M. HARPER.

HELENA, GEORGIA, July 4, 1903.

REVIEWS

Mosses with Hand-Lens and Microscope*

The above work, the first part of which has recently appeared, has been inspired by the demand for the author's "Mosses with a Hand-Lens" and is a continuation and extension of similar

* Grout, A. J. Mosses with Hand-Lens and Microscope. A non-technical Hand-Book of the more common Mosses of the Northeastern United States. Part I. Svo. Pp. 1-86. *pl.* 1-10 + *f.* 1-35 + *f.* 1-46. Published by the author, 360 Lenox Road, Borough of Brooklyn, New York. Je. 1903. Price \$1.00.